

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NIPPON SYST HOUSE KK

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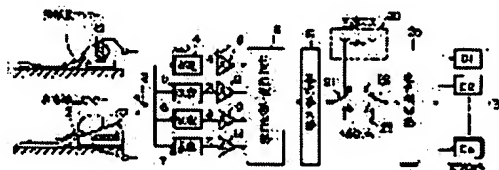
(72)Inventor : ARAI KIYOSHI

## (54) SYSTEM CONTROLLER USING BRAIN WAVE

### (57)Abstract:

**PURPOSE:** To control a specific equipment on the basis of correlation information on the waveform of brain waves.

**CONSTITUTION:** The brain waves of human bodies 1 and 2 detected by a contact type sensor S1 or noncontact type sensor S2 are discriminated by filters 4-7 into signals of respective frequency bands, which are processed by a signal processing and arithmetic circuit 15 as specified to judge the physiological states and mental states of the human bodies 1 and 2. The processing results of the signal processing and arithmetic circuit 15 are converted into signals for controlling equipments D1-Dn constituting a controlled system 30 by a transmission terminal circuit 16 and then the signals after the conversion are sent to a receiving terminal circuit 25 through a radio circuit 20 or wired circuit 23.



## LEGAL STATUS

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